

INTERNATIONAL SEARCH REPORT

national application No.
7CA2004/002052

A. CLASSIFICATION OF SUBJECT MATTER
IPC⁷: B63H 16/20, B63H 23/02, B63H 16/08, B63B 35/73

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC⁷: B63H 16/20, B63H 23/02, B63H 16/08, B63H 35/73

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms used)
Canadian Patent Database, Delpion, USPTO, European Patent Database

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No(s).
A	CA 2,308,263 A1 (WILLIAM HALL) 5 November 2001 (05-11-2001)	1-21
A	US 4,943,251 A (LERACH ET AL.) 24 July 1990 (24-07-1990)	1-21
A	US 6,165,030 A (ROBERT M. LEWIS) 26 December 2000 (24-12-2000)	1-21
A	US 5,374,206 A (GREGORY) 20 December 1994 (20-12-94)	1-21

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

- * Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
14 February 2005 (14-02-2005)

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23 March 2005 (23-03-2005)

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INTERNATIONAL SEARCH REPORT

information on patent family members

International application No.
CA2004/002052

<u>Application Patent No.</u>	<u>Publication date day/month/year</u>	<u>Family members</u>	<u>Priority date (valid claim) (day/month/year)</u>
CA2308263 A1	05-11-2001	NONE	
US4943251 A	24-07-1990	NONE	
US6165030 A	26-12-2000	NONE	
US5374206 A	20-12-1994	NONE	